

## CLAIMS

What is claimed is:

- 1 1. A method for printing an electronic document, the method comprising:  
2 selecting a first paper source for printing a first page range of one or more  
3 pages of said electronic document;  
4 selecting a second paper source for printing a second page range of one or  
5 more pages of said electronic document;  
6 selecting a third paper source for printing a third page range of one or more  
7 pages of said electronic document; and  
8 transmitting, to a printing device, information that identifies said first, second  
9 and third paper sources for printing said first, second and third page  
10 ranges of one or more pages of said electronic document.
- 1 2. The method as recited in Claim 1, further comprising the steps of:  
2 receiving said information that identifies said first, second and third paper  
3 sources at said printing device; and  
4 generating at said printing device a printed copy of said electronic document  
5 that includes said first, second and third page ranges; wherein said  
6 first page range is printed on media from said first paper source, said  
7 second page range is printed on media from said second paper source,  
8 and said third page range is printed on media from said third paper  
9 source.
- 1 3. A method for printing an electronic document, the method comprising:  
2 selecting a first print characteristic for printing a first page range of one or  
3 more pages of said electronic document;

4 selecting a second print characteristic for printing a second page range of one  
5 or more pages of said electronic document; and  
6 transmitting, to a printing device, information that identifies said first and  
7 second print characteristics for printing said first and second page  
8 ranges of one or more pages of said electronic document.

1 4. The method as recited in Claim 3, further comprising the steps of:  
2 receiving at said printing device, said information that identifies said first and  
3 second print characteristics; and  
4 generating at said printing device a printed copy of said electronic document  
5 that includes said first and second page ranges; wherein said first  
6 page range is printed using said first print characteristics and said  
7 second page range is printed using said second print characteristics.

1 5. The method as recited in Claim 3, wherein:  
2 the step of selecting a first print characteristic includes the step of selecting a  
3 first ink color for printing said first page range of one or more pages  
4 of said electronic document; and  
5 the step of selecting a second print characteristic includes the step of  
6 selecting a second ink color for printing said first page range of one  
7 or more pages of said electronic document;  
8 wherein said first ink color and said second ink color are distinct ink colors.

1 6. The method as recited in Claim 3, wherein:  
2 the step of selecting a first print characteristic includes the step of selecting a  
3 simplex mode for printing said first page range of one or more pages  
4 of said electronic document; and

5 the step of selecting a second print characteristic includes the step of  
6 selecting a duplex mode for printing said first page range of one or  
7 more pages of said electronic document.

1 7. A method for printing an electronic document, the method comprising:  
2 displaying a user interface that identifies a set of one or more media types  
3 that are available for printing pages of the electronic document;  
4 receiving input that selects a first media type from said set of one or more  
5 media types; and  
6 transmitting, to a printing device, a set of first print information that  
7 identifies said first media type for printing one or more pages of said  
8 electronic document.

1 8. The method as recited in Claim 7, further comprising the steps of:  
2 receiving said set of first print information that identifies said first media  
3 type at said printing device; and  
4 generating at said printing device, a printed copy of one or more pages of  
5 said electronic document using said first media type.

1 9. The method of Claim 7, wherein:  
2 the set of media types includes two or more media types that are available for  
3 printing pages of the electronic document; and  
4 the method further comprising the steps of,  
5 receiving input that selects a second media type from said set of two or more  
6 media types; and  
7 the step of transmitting further includes the step of transmitting to said  
8 printing device, a set of second print information that identifies said

9 second media type for printing one or more pages of said electronic  
10 document.

1 10. The method as recited in Claim 9, further comprising the steps of:  
2 receiving said set of second print information that identifies said second  
3 media type at said printing device; and  
4 generating at said printing device, a printed copy of one or more pages of  
5 said electronic document using said second media type.

1 11. The method of Claim 9, wherein the steps of transmitting said set of first and  
2 second print information includes the step of transmitting to said printing  
3 device, said set of first and second print information in a single print request.

1 12. A method for printing an electronic document, the method comprising:  
2 selecting a first media type for printing a first page range of one or more  
3 pages of said electronic document;  
4 selecting a second media type for printing a second page range of one or  
5 more pages of said electronic document; and  
6 transmitting, to a printing device, information that identifies said first and  
7 second media types for printing said first and second page ranges of  
8 one or more pages of said electronic document.

1 13. The method as recited in Claim 12, further comprising the steps of:  
2 receiving said information that identifies said first and second media types at  
3 said printing device; and  
4 generating at said printing device, a printed copy of said electronic document  
5 that includes said first and second page ranges; wherein said first

6 page range is printed on media of said first media type and said  
7 second page range is printed on media of said second media type.

1 14. A method for printing an electronic document, the method comprising:  
2 transmitting to a printing device a request from a client for delivery of a set  
3 of print attributes that are available for printing said electronic  
4 document on said printing device;  
5 receiving user interface data that identifies the set of print attributes that are  
6 available for printing said electronic document on said printing  
7 device;  
8 receiving input that indicates a selection of one or more print attributes from  
9 said set of print attributes; and  
10 transmitting information identifying the selection of said one or more print  
11 attributes from said client to said printing device.

1 15. The method as recited in Claim 14, further comprising the steps of:  
2 receiving said information that identifies said one or more print attributes at  
3 said printing device; and  
4 generating at said printing device, a printed copy of said electronic document  
5 based on said information identifying said selection of said one or  
6 more print attributes.

1 16. A method for printing an electronic document on a printing device, the  
2 method comprising:  
3 receiving a request for delivery of a set of print attributes that are available  
4 for printing said electronic document on said printing device;

5 generating user interface data that identifies the set of print attributes that are  
6 available for printing said electronic document on said printing  
7 device; and  
8 transmitting, to a client, said user interface data for displaying the set of print  
9 attributes that are available for printing said electronic document on  
10 said printing device.

1 17. The method as recited in Claim 16, further comprising the steps of:  
2 receiving print information that identifies at least one of said one or more  
3 print attributes; and  
4 generating at said printing device, a printed copy of one or more pages of  
5 said electronic document based on said print information.

1 18. The method as recited in Claim 16, further comprising the steps of:  
2 transmitting to said printing device a request from a client for delivery of said  
3 set of print attributes that are available for printing said electronic  
4 document on said printing device;  
5 receiving user interface data at said client that identifies the set of print  
6 attributes that are available for printing said electronic document on  
7 said printing device; and  
8 transmitting print information that identifies at least one of said said one or  
9 more print attributes.

1 19. A computer-readable medium carrying one or more sequences of instructions  
2 for printing an electronic document, wherein execution of the one or more  
3 sequences of instructions by one or more processors causes the one or more  
4 processors to perform:

5 selecting a first paper source for printing a first page range of one or more  
6 pages of said electronic document;  
7 selecting a second paper source for printing a second page range of one or  
8 more pages of said electronic document;  
9 selecting a third paper source for printing a third page range of one or more  
10 pages of said electronic document; and  
11 transmitting, to a printing device, information that identifies said first, second  
12 and third paper sources for printing said first, second and third page  
13 ranges of one or more pages of said electronic document.

1 20. The computer-readable medium as recited in Claim 19, further comprising  
2 instructions for performing the steps of:  
3 receiving said information that identifies said first, second and third paper  
4 sources at said printing device; and  
5 generating at said printing device a printed copy of said electronic document  
6 that includes said first, second and third page ranges; wherein said  
7 first page range is printed on media from said first paper source, said  
8 second page range is printed on media from said second paper source,  
9 and said third page range is printed on media from said third paper  
10 source.

1 21. A computer-readable medium carrying one or more sequences of instructions  
2 for printing an electronic document, wherein execution of the one or more  
3 sequences of instructions by one or more processors causes the one or more  
4 processors to perform:  
5 selecting a first print characteristic for printing a first page range of one or  
6 more pages of said electronic document;

7 selecting a second print characteristic for printing a second page range of one  
8 or more pages of said electronic document; and  
9 transmitting, to a printing device, information that identifies said first and  
10 second print characteristics for printing said first and second page  
11 ranges of one or more pages of said electronic document.

1 22. The computer-readable medium as recited in Claim 21, further comprising  
2 instructions for performing the steps of:  
3 receiving at said printing device, said information that identifies said first and  
4 second print characteristics; and  
5 generating at said printing device a printed copy of said electronic document  
6 that includes said first and second page ranges; wherein said first  
7 page range is printed using said first print characteristics and said  
8 second page range is printed using said second print characteristics.

1 23. The computer-readable medium as recited in Claim 21, wherein:  
2 the step of selecting a first print characteristic includes the step of selecting a  
3 first ink color for printing said first page range of one or more pages  
4 of said electronic document; and  
5 the step of selecting a second print characteristic includes the step of  
6 selecting a second ink color for printing said first page range of one  
7 or more pages of said electronic document;  
8 wherein said first ink color and said second ink color are distinct ink colors.

1 24. The computer-readable medium as recited in Claim 21, wherein:  
2 the step of selecting a first print characteristic includes the step of selecting a  
3 simplex mode for printing said first page range of one or more pages  
4 of said electronic document; and



5 the step of selecting a second print characteristic includes the step of  
6 selecting a duplex mode for printing said first page range of one or  
7 more pages of said electronic document.

1 25. A computer-readable medium carrying one or more sequences of instructions  
2 for printing an electronic document, wherein execution of the one or more  
3 sequences of instructions by one or more processors causes the one or more  
4 processors to perform:  
5 displaying a user interface that identifies a set of one or more media types  
6 that are available for printing pages of the electronic document;  
7 receiving input that selects a first media type from said set of one or more  
8 media types; and  
9 transmitting, to a printing device, a set of first print information that  
10 identifies said first media type for printing one or more pages of said  
11 electronic document.

1 26. The computer-readable medium as recited in Claim 25, further comprising  
2 instructions for performing the steps of:  
3 receiving said set of first print information that identifies said first media  
4 type at said printing device; and  
5 generating at said printing device, a printed copy of one or more pages of  
6 said electronic document using said first media type.

1 27. The computer-readable medium of Claim 25, wherein:  
2 the set of media types includes two or more media types that are available for  
3 printing pages of the electronic document; and  
4 the computer-readable medium further comprising instructions for  
5 performing the steps of,

6 receiving input that selects a second media type from said set of two or more  
7 media types; and  
8 the step of transmitting further includes the step of transmitting to said  
9 printing device, a set of second print information that identifies said  
10 second media type for printing one or more pages of said electronic  
11 document.

1 28. The computer-readable medium as recited in Claim 27, further comprising  
2 instructions for performing the steps of:  
3 receiving said set of second print information that identifies said second  
4 media type at said printing device; and  
5 generating at said printing device, a printed copy of one or more pages of  
6 said electronic document using said second media type.

1 29. The computer-readable medium of Claim 27, wherein the steps of  
2 transmitting said set of first and second print information includes the step of  
3 transmitting to said printing device, said set of first and second print  
4 information in a single print request.

1 30. A computer-readable medium carrying one or more sequences of instructions  
2 for printing an electronic document, wherein execution of the one or more  
3 sequences of instructions by one or more processors causes the one or more  
4 processors to perform:  
5 selecting a first media type for printing a first page range of one or more  
6 pages of said electronic document;  
7 selecting a second media type for printing a second page range of one or  
8 more pages of said electronic document; and

9 transmitting, to a printing device, information that identifies said first and  
10 second media types for printing said first and second page ranges of  
11 one or more pages of said electronic document.

1 31. The computer-readable medium as recited in Claim 30, further comprising  
2 instructions for performing the steps of:  
3 receiving said information that identifies said first and second media types at  
4 said printing device; and  
5 generating at said printing device, a printed copy of said electronic document  
6 that includes said first and second page ranges; wherein said first  
7 page range is printed on media of said first media type and said  
8 second page range is printed on media of said second media type.

1 32. A computer-readable medium carrying one or more sequences of instructions  
2 for printing an electronic document, wherein execution of the one or more  
3 sequences of instructions by one or more processors causes the one or more  
4 processors to perform:  
5 transmitting to a printing device a request from a client for delivery of a set  
6 of print attributes that are available for printing said electronic  
7 document on said printing device;  
8 receiving user interface data that identifies the set of print attributes that are  
9 available for printing said electronic document on said printing  
10 device;  
11 receiving input that indicates a selection of one or more print attributes from  
12 said set of print attributes; and  
13 transmitting information identifying the selection of said one or more print  
14 attributes from said client to said printing device.

1 33. The computer-readable medium as recited in Claim 32, further comprising  
2 instructions for performing the steps of:  
3 receiving said information that identifies said one or more print attributes at  
4 said printing device; and  
5 generating at said printing device, a printed copy of said electronic document  
6 based on said information identifying said selection of said one or  
7 more print attributes.

1 34. A computer-readable medium carrying one or more sequences of instructions  
2 for printing an electronic document on a printing device, wherein execution  
3 of the one or more sequences of instructions by one or more processors  
4 causes the one or more processors to perform:  
5 receiving a request for delivery of a set of print attributes that are available  
6 for printing said electronic document on said printing device;  
7 generating user interface data that identifies the set of print attributes that are  
8 available for printing said electronic document on said printing  
9 device; and  
10 transmitting, to a client, said user interface data for displaying the set of print  
11 attributes that are available for printing said electronic document on  
12 said printing device.

1 35. The computer-readable medium as recited in Claim 34, further comprising  
2 instructions for performing the steps of:  
3 receiving print information that identifies at least one of said one or more  
4 print attributes; and  
5 generating at said printing device, a printed copy of one or more pages of  
6 said electronic document based on said print information.

1     36.     The computer-readable medium as recited in Claim 34, further comprising  
2             instructions for performing the steps of:  
3             transmitting to said printing device a request from a client for delivery of said  
4                     set of print attributes that are available for printing said electronic  
5                     document on said printing device;  
6             receiving user interface data at said client that identifies the set of print  
7                     attributes that are available for printing said electronic document on  
8                     said printing device; and  
9             transmitting print information that identifies at least one of said said one or  
10             more print attributes.

1     37.     A system for printing an electronic document, comprising:  
2             one or more processors;  
3             one or more memories coupled to the one or more processors; and  
4             one or more sequences of instructions stored in the one or more memories,  
5                     wherein execution of the one or more sequences of instructions by  
6                     one or more processors causes the one or more processors to perform  
7                     the steps of:  
8                     selecting a first paper source for printing a first page range of one or  
9                             more pages of said electronic document;  
10                     selecting a second paper source for printing a second page range of  
11                             one or more pages of said electronic document;  
12                     selecting a third paper source for printing a third page range of one or  
13                             more pages of said electronic document; and  
14                     transmitting, to a printing device, information that identifies said first,  
15                     second and third paper sources for printing said first, second

16 and third page ranges of one or more pages of said electronic  
17 document.

1 38. A system for printing an electronic document, comprising:  
2 one or more processors;  
3 one or more memories coupled to the one or more processors; and  
4 one or more sequences of instructions stored in the one or more memories,  
5 wherein execution of the one or more sequences of instructions by  
6 one or more processors causes the one or more processors to perform  
7 the steps of:  
8 selecting a first print characteristic for printing a first page range of  
9 one or more pages of said electronic document;  
10 selecting a second print characteristic for printing a second page  
11 range of one or more pages of said electronic document; and  
12 transmitting, to a printing device, information that identifies said first  
13 and second print characteristics for printing said first and  
14 second page ranges of one or more pages of said electronic  
15 document.

1 39. A system for printing an electronic document, comprising:  
2 one or more processors;  
3 one or more memories coupled to the one or more processors; and  
4 one or more sequences of instructions stored in the one or more memories,  
5 wherein execution of the one or more sequences of instructions by  
6 one or more processors causes the one or more processors to perform  
7 the steps of:

8 displaying a user interface that identifies a set of one or more media  
9 types that are available for printing pages of the electronic  
10 document;  
11 receiving input that selects a first media type from said set of one or  
12 more media types; and  
13 transmitting, to a printing device, a set of first print information that  
14 identifies said first media type for printing one or more pages  
15 of said electronic document.

1 40. A system for printing an electronic document, comprising:  
2 one or more processors;  
3 one or more memories coupled to the one or more processors; and  
4 one or more sequences of instructions stored in the one or more memories,  
5 wherein execution of the one or more sequences of instructions by  
6 one or more processors causes the one or more processors to perform  
7 the steps of:  
8 selecting a first media type for printing a first page range of one or  
9 more pages of said electronic document;  
10 selecting a second media type for printing a second page range of one  
11 or more pages of said electronic document; and  
12 transmitting, to a printing device, information that identifies said first  
13 and second media types for printing said first and second page  
14 ranges of one or more pages of said electronic document.

1 41. A system for printing an electronic document, comprising:  
2 one or more processors;  
3 one or more memories coupled to the one or more processors; and

one or more sequences of instructions stored in the one or more memories,  
wherein execution of the one or more sequences of instructions by  
one or more processors causes the one or more processors to perform  
the steps of:  
transmitting to a printing device a request from a client for delivery of  
a set of print attributes that are available for printing said  
electronic document on said printing device;  
receiving user interface data that identifies the set of print attributes  
that are available for printing said electronic document on said  
printing device;  
receiving input that indicates a selection of one or more print  
attributes from said set of print attributes; and  
transmitting information identifying the selection of said one or more  
print attributes from said client to said printing device.

42. A system for printing an electronic document, comprising:  
one or more processors;  
one or more memories coupled to the one or more processors; and  
one or more sequences of instructions stored in the one or more memories,  
wherein execution of the one or more sequences of instructions by  
one or more processors causes the one or more processors to perform  
the steps of:  
receiving a request for delivery of a set of print attributes that are  
available for printing said electronic document on said  
printing device;



11 generating user interface data that identifies the set of print attributes  
12 that are available for printing said electronic document on said  
13 printing device; and  
14 transmitting, to a client, said user interface data for displaying the set  
15 of print attributes that are available for printing said electronic  
16 document on said printing device.